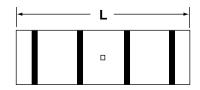
## **3M**

# Scotchlok<sup>™</sup> Terminals

## MC2BC thru MC250BC Butt Connector, Non-Insulated, Seamless



### **Data Sheet**

Product Number	Color Code	Wire Range	L (in.)	Barrel I.D. (in.)
MC2BC	Brown	2 AWG	1.35	0.341
MC1BC	Green	1 AWG	1.35	0.365
MC1/0BC	Pink	1/0 AWG	1.55	0.412
MC1/0BC	Black	2/0 AWG	1.80	0.466
MC3/0BC	Orange	3/0 AWG	1.90	0.516
MC4/0BC	Purple	4/0 AWG	2.00	0.564
MC250BC	Yellow	250 kcmil	2.00	0.595



UNDERWRITERS LABORATORIES STANDARD NO. UL 486C 3M FILE NO. E23438

### **Specifications**

Wire Size: Barrel Seam: Maximum Current: Terminal Material: Terminal Plating:



CANADIAN STANDARDS ASSOCIATION STANDARD NO. 22.2 NO. 0, 65 3M FILE NO. LR22190

See Table Above Seamless Same as Wire ETP Copper Tin

#### **Installation Information**

#### **△WARNING**

Turn power off before installing or removing terminal. All electrical work should be done according to appropriate electrical codes.

UL Listed and CSA Certified for use on stranded copper (AWG) wire only.

One crimp with the proper tool and dies, centered between stripes on the barrel, secures the inserted stripped conductor.



Barrel Crimp (Required)

Wire Size AWG	Wire Insulation Strip Length Inches	Crimp Tool & Dies Burndy T&B AET MY29-3 TBM5 406		
or MCM		Scale Setting	Die Color	Die Insert
2	9/16	2	Brown	С
1	5/8	1	Green	С
1/0	3/4	1/0	Pink	В
2/0	7/8	2/0	Black	В
3/0	15/16	3/0	Orange	none
4/0	1	4/0	Purple	none
250	1	250	Purple	

#### **Engineering Specification**

Crimp-type connectors shall, electrically and mechanically, connect permanently to the prestripped ends of two stranded copper wires.

The connector line shall offer barrel variations in wire (AWG or MCM) size (#2 to 250 MCM). The connector line shall have regulatory agency coverage (UL Listing). The connectors shall be marked with the wire range and manufacturer's symbol (1) and catalog number.

The non-insulated, seamless butt connector shall be tin-plated, annealed copper, having a double-length, round seamless barrel, with a center stop, sized for specified (AWG or MCM) wire range (2 AWG thru 250 MCM).

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**Electrical Products Division** 

6801 River Place Blvd. Austin, TX 78726-9000 http://www.3M.com/elpd